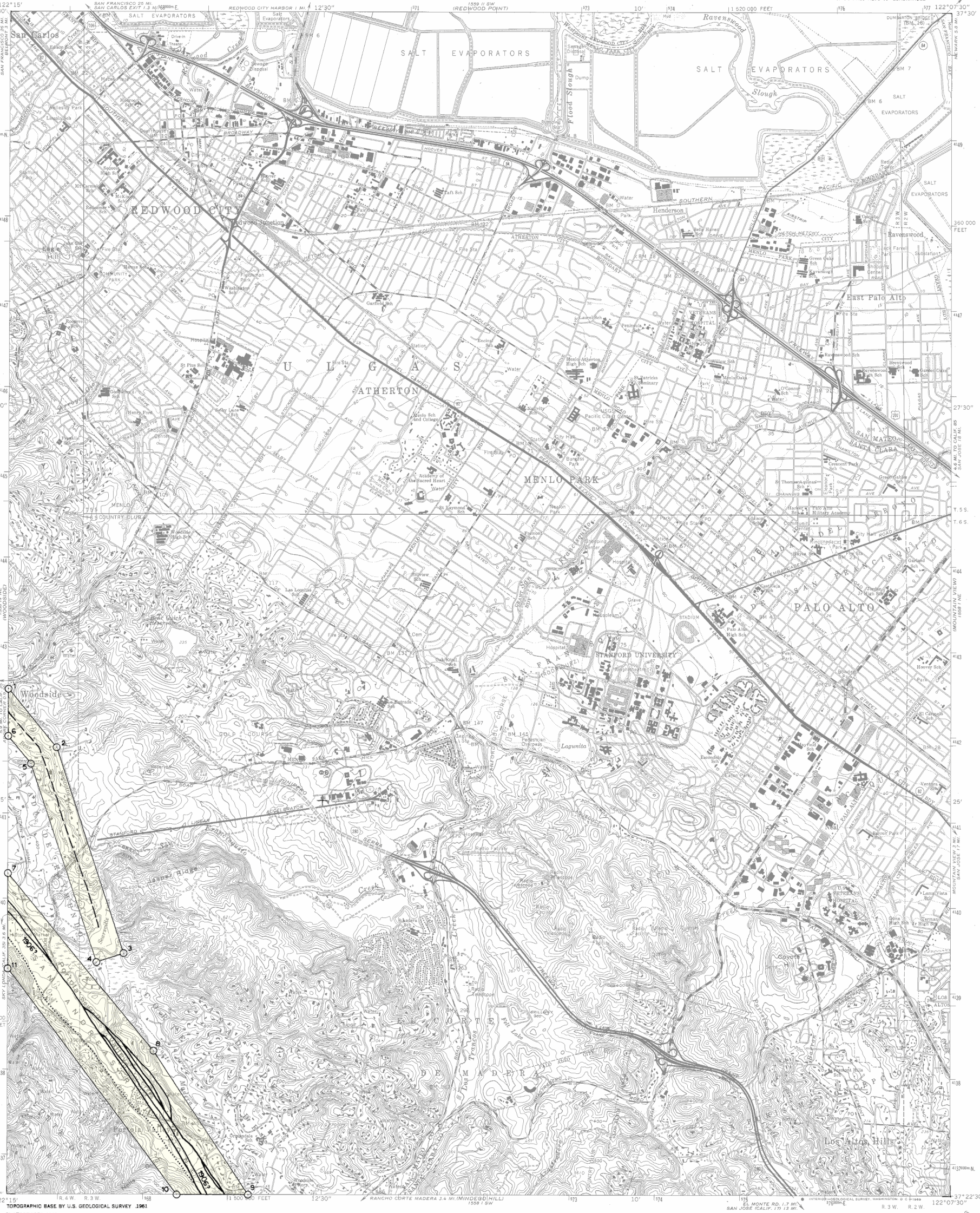
CALIFORNIA DIVISION OF MINES AND GEOLOGY
JAMES E. SLOSSON, STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

PALO ALTO QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 PALO ALTO 15' QUADRANGLE



SCALE 1:24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEAL LEVEL

MAP EXPLANATION

Potentially Active Faults

Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

Special Studies Zone Boundaries

These are delineated as straight-line segments that connect consecutively numbered turning points so as to define one or more special studies zone segments.

Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES

Delineated in compliance with Chapter 7.5, Division 2 of the California Public Resources Code

PALO ALTO QUADRANGLE

OFFICIAL MAP

Effective: July 1, 1974

James E. Slosson State Geologist

IMPORTANT - PLEASE NOTE

1) *This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.*

2) Faults shown are the basis for establishing the boundaries of the special studies zones.

3) The identification of these potentially active faults and the location of such fault traces are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. The faults shown have not been field checked during this map compilation.

4) Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2, Section 2623 of the California Public Resources Code.

REFERENCES USED TO COMPILE FAULT DATA

Palo Alto Quadrangle

Brabb, E.E., and Pampeyan, E.H., 1972, Preliminary geologic map of San Mateo County, California: U.S. Geological Survey Basic Data Contribution 41, San Francisco Bay Region Environment and Resources Planning Study.

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Dibblee, T.W., Jr., 1966, Geology of the Palo Alto quadrangle, Santa Clara and San Mateo Counties, California: California Division of Mines and Geology Map Sheet 8.

Dickinson, W.R., 1970, Commentary and reconnaissance photogeologic map, San Andreas rift belt, Portola Valley, California: Town of Portola Valley, California, public document, 51 p.

Pampeyan, E.H., 1970, Geologic map of the Palo Alto 7.5 minute quadrangle, San Mateo and Santa Clara Counties, California: U.S. Geological Survey Basic Data Contribution 2, San Francisco Bay Region Environment and Resources Planning Study.

Schlocker, J., Pampeyan, E.H., and Bonilla, M.G., 1965, Approximate trace of the main surface rupture in the San Andreas fault zone between Pacifica and Saratoga, California, formed during the earthquake of April 18, 1906: U.S. Geological Survey open-file report.